

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120320AL\
 Data File : FC051142.D
 Signal(s) : FID1A.CH
 Acq On : 04 Dec 2020 20:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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 12/7/2020 12:16:48 PM

Integration File: autoint1.e
 Quant Time: Dec 07 09:21:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.592	2414723	19.625 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
12) S 1-chlorooctadecane (S...	13.025	1866615	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.345	2372824	22.297 ug/ml
2) T n-Decane (C10)	4.414	2393091	22.532 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2533761	22.537 ug/ml
4) T n-Dodecane (C12)	6.433	2429668	22.330 ug/ml
5) T A~2-methylnaphthalene...	7.064	2486447	22.001 ug/ml
6) T n-Tetradecane (C14)	8.228	2395253	22.137 ug/ml
7) T n-Hexadecane (C16)	9.830	2309263	21.519 ug/ml
8) T n-Octadecane (C18)	11.271	2346462	20.573 ug/ml
10) T n-Eicosane (C20)	12.580	2285392	19.673 ug/ml
11) T n-Heneicosane (C21)	13.192	2235896	19.298 ug/ml
13) T n-Docosane (C22)	13.778	2213052	19.107 ug/ml
14) T n-Tetracosane (C24)	14.880	2191576	19.056 ug/ml
15) T n-Hexacosane (C26)	15.900	2136636	18.976 ug/ml
16) T n-Octacosane (C28)	16.848	2135817	19.289 ug/ml
17) T n-Tricontane (C30)	17.735	2142016	20.165 ug/ml
18) T n-Dotriacontane (C32)	18.566	2014525	20.617 ug/mlm
19) T n-Tetratriacontane (C34)	19.347	1912905	21.433 ug/mlm
20) T n-Hexatriacontane (C36)	20.089	1833020	21.978 ug/mlm
21) T n-Octatriacontane (C38)	20.824	1730908	22.227 ug/mlm
22) T n-Tetracontane (C40)	21.747	1722527	20.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

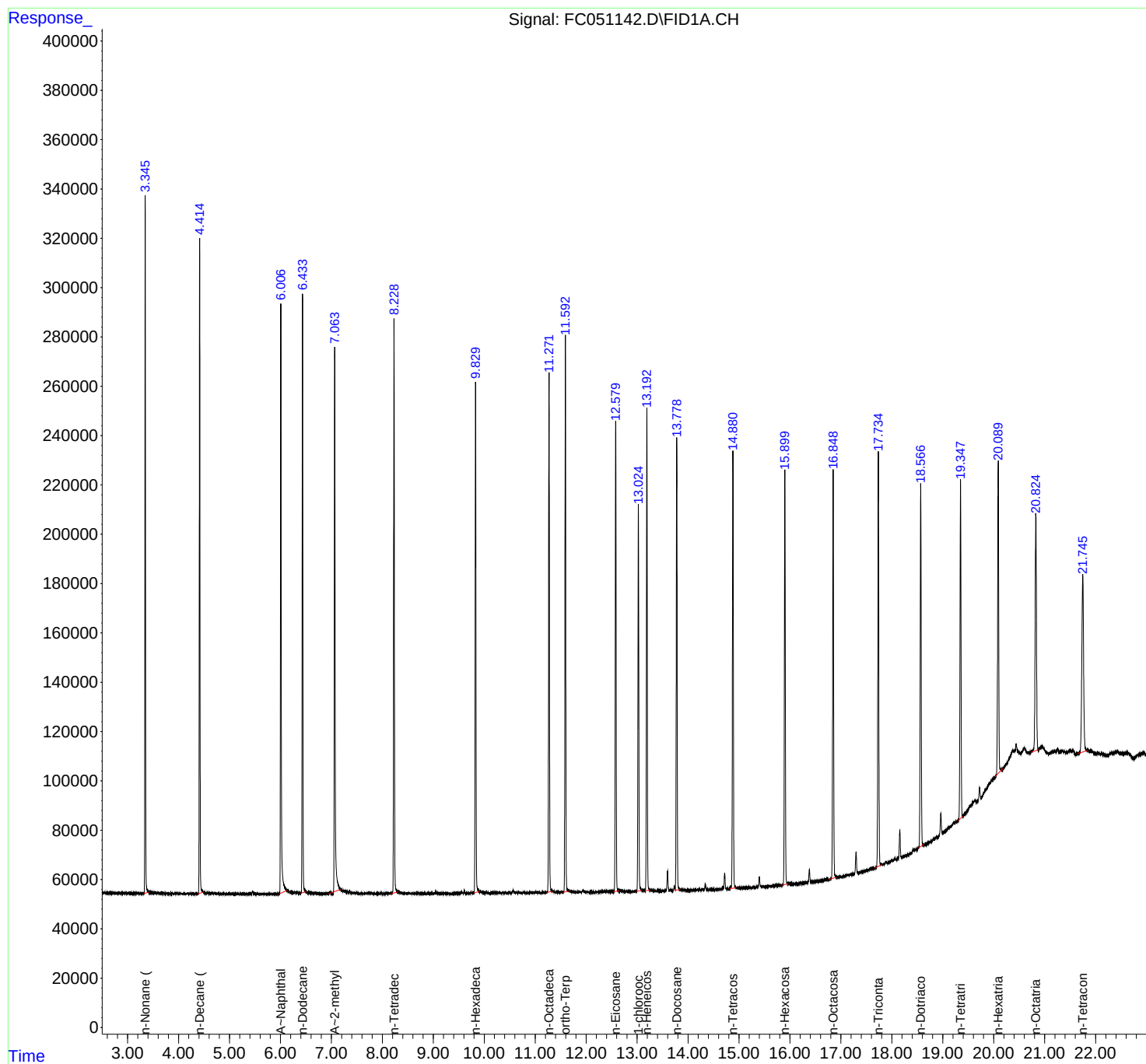
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

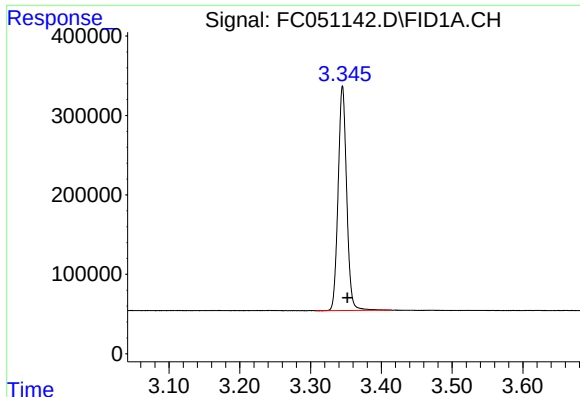
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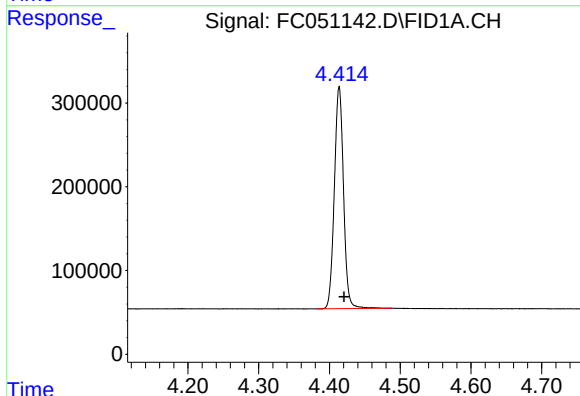
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.007 min
Response: 2372824
Conc: 22.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

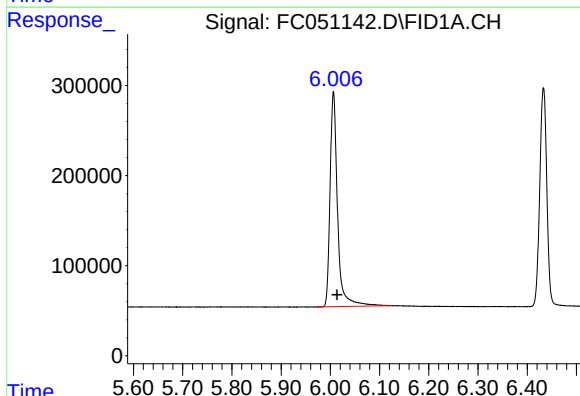
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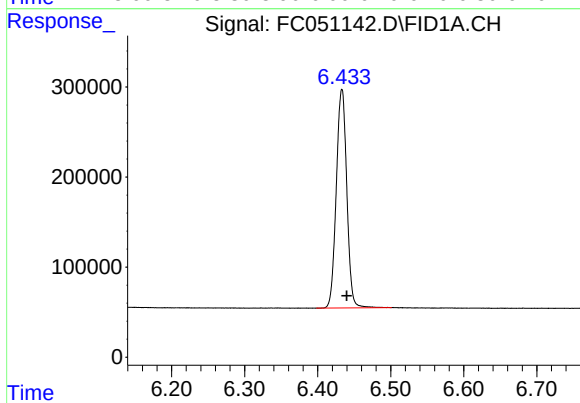
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.007 min
Response: 2393091
Conc: 22.53 ug/ml



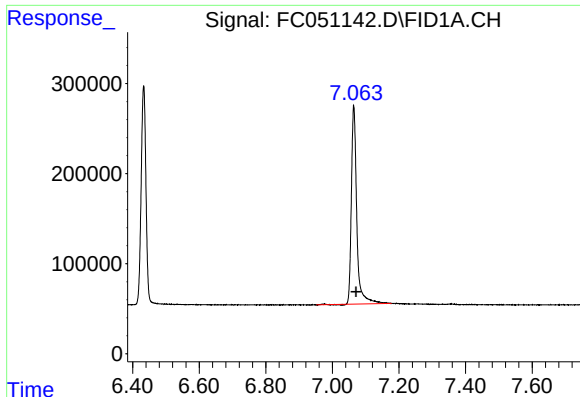
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.007 min
Response: 2533761
Conc: 22.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 2429668
Conc: 22.33 ug/ml



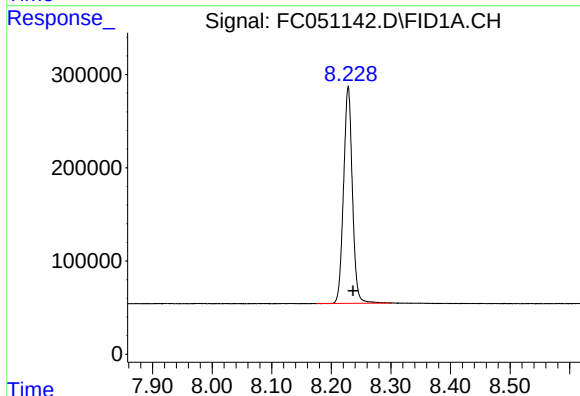
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 2486447
Conc: 22.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

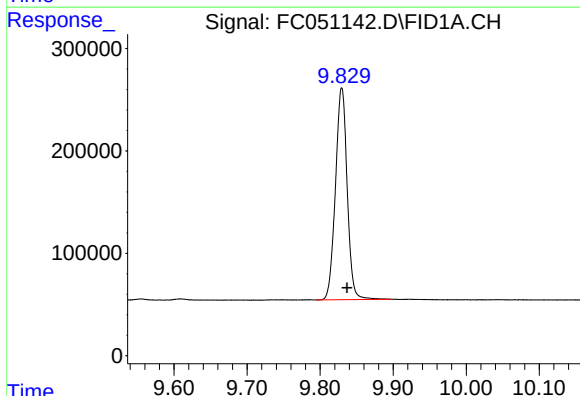
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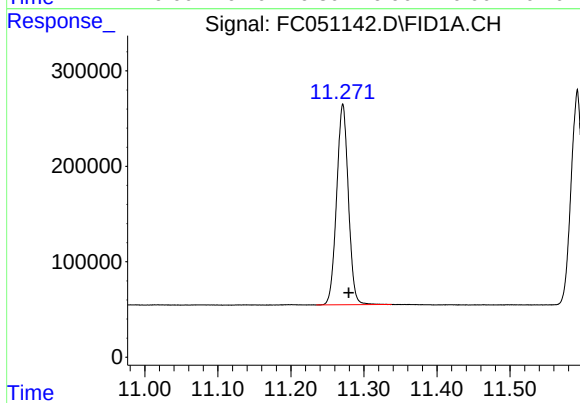
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: -0.008 min
Response: 2395253
Conc: 22.14 ug/ml



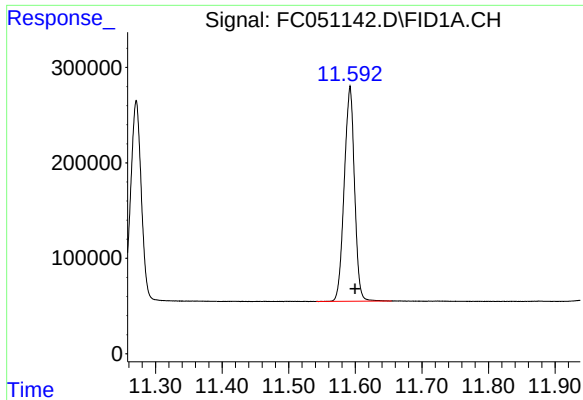
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: -0.008 min
Response: 2309263
Conc: 21.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: -0.008 min
Response: 2346462
Conc: 20.57 ug/ml



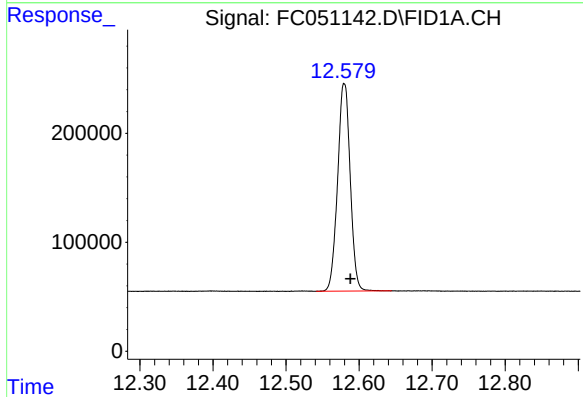
#9 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.008 min
Response: 2414723
Conc: 19.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

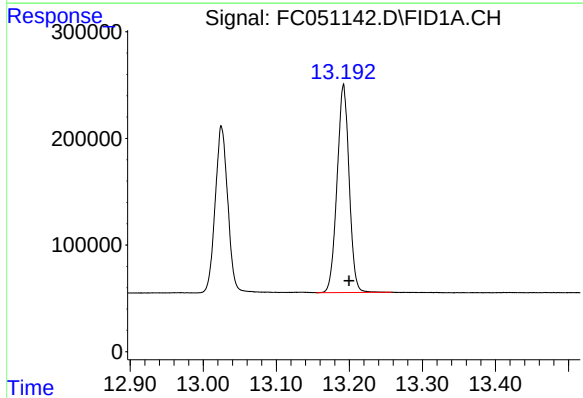
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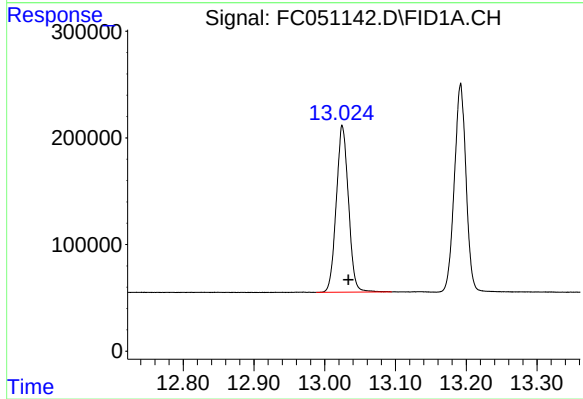
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.009 min
Response: 2285392
Conc: 19.67 ug/ml



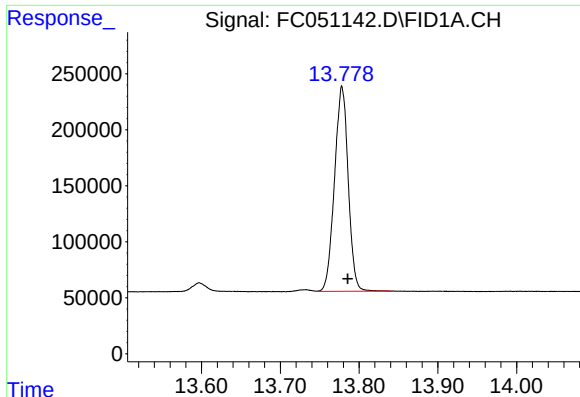
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.007 min
Response: 2235896
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.008 min
Response: 1866615
Conc: 19.13 ug/ml



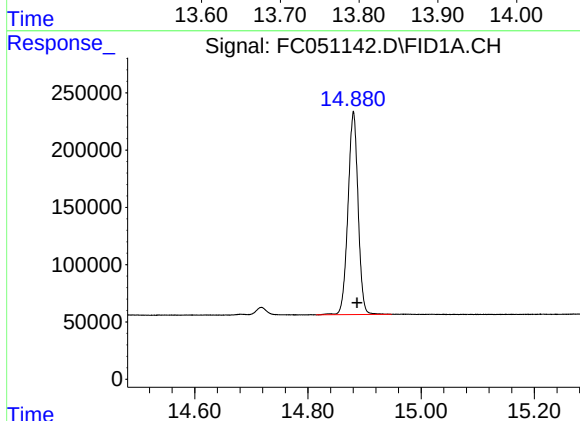
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.007 min
Response: 2213052
Conc: 19.11 ug/ml

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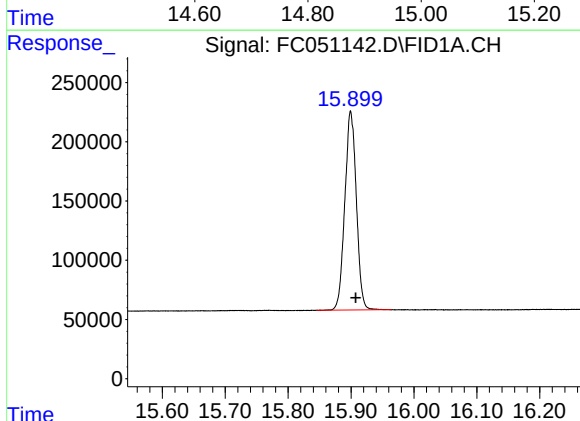
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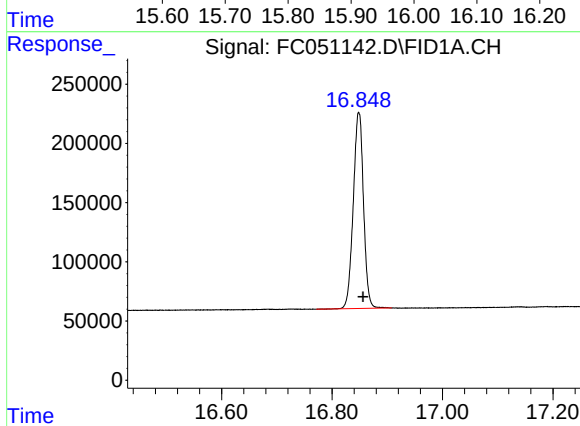
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.007 min
Response: 2191576
Conc: 19.06 ug/ml



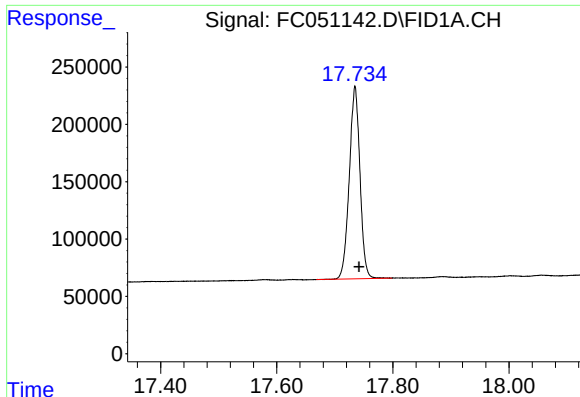
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.007 min
Response: 2136636
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.008 min
Response: 2135817
Conc: 19.29 ug/ml



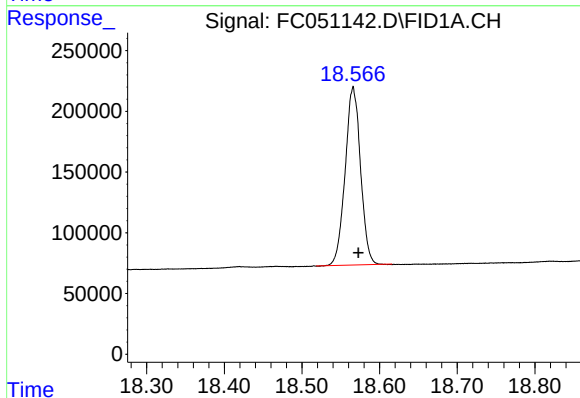
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: -0.007 min
Response: 2142016
Conc: 20.16 ug/ml

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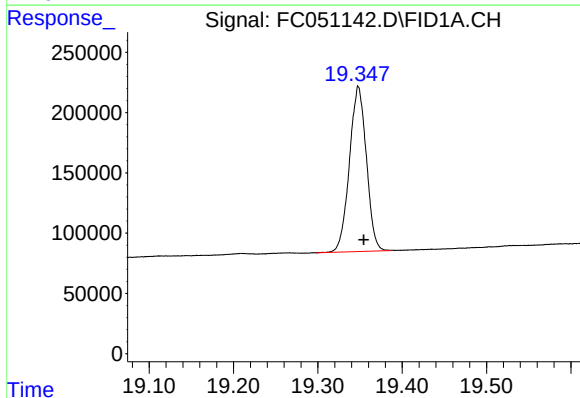
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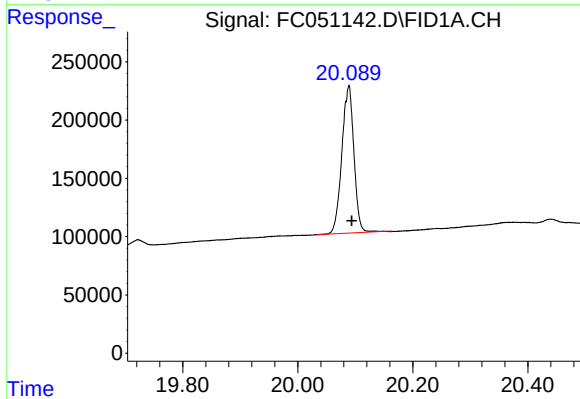
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.007 min
Response: 2014525
Conc: 20.62 ug/ml m



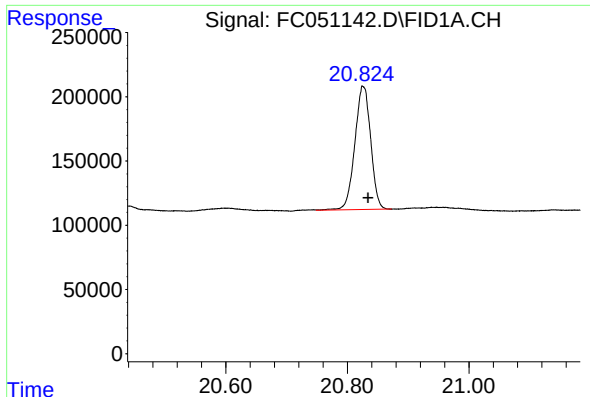
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.007 min
Response: 1912905
Conc: 21.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.005 min
Response: 1833020
Conc: 21.98 ug/ml m



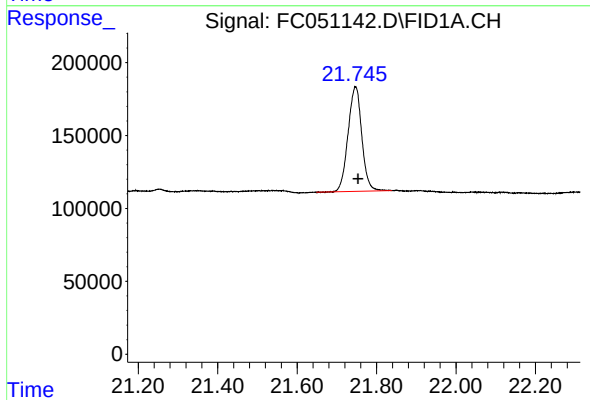
#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: -0.010 min
Response: 1730908
Conc: 22.23 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: -0.006 min
Response: 1722527
Conc: 20.80 ug/ml